

Figure 1. Programming logic scheme for SIPS-VSM Searching

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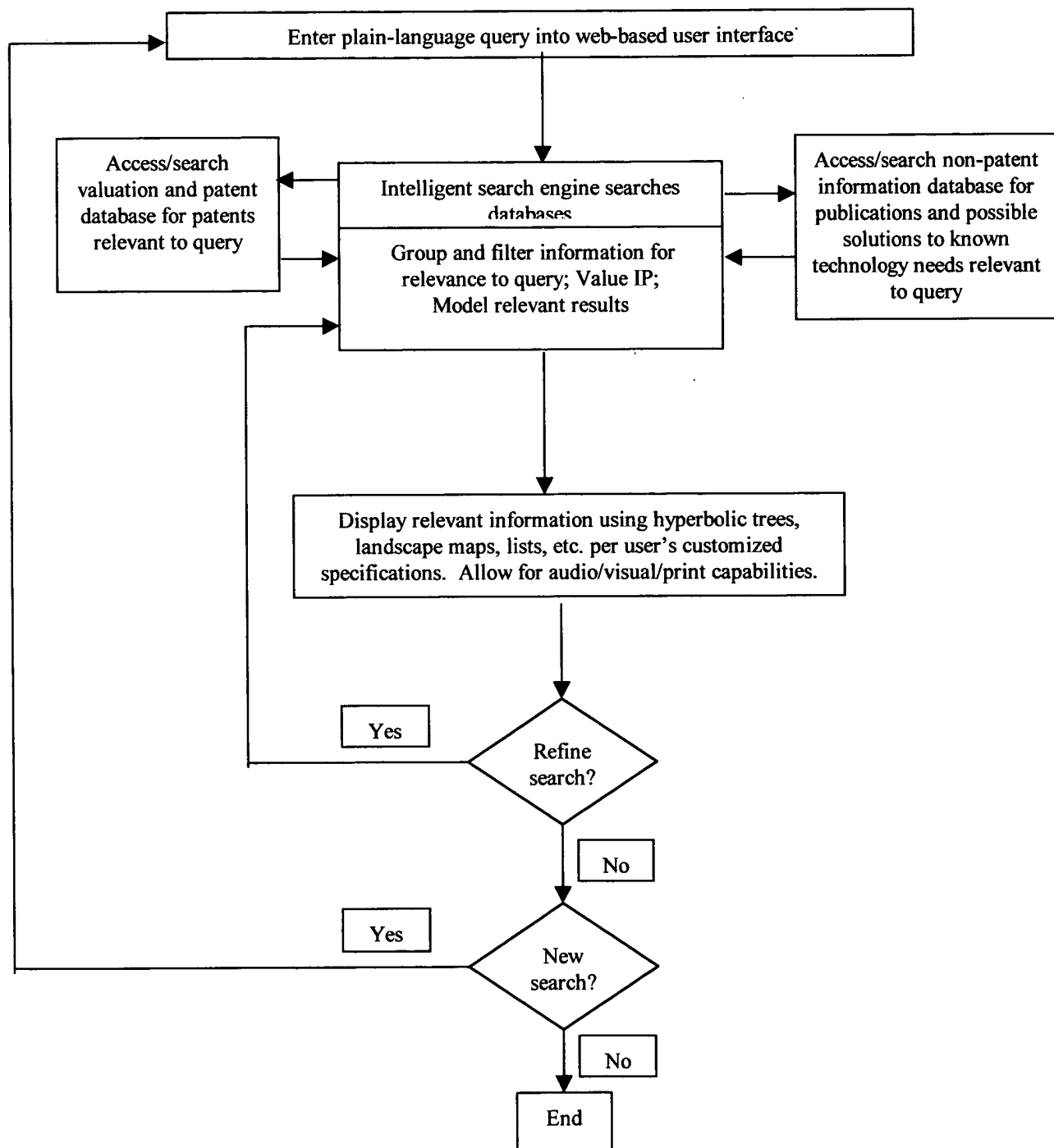


Figure 2. Overall logic flow for SIPS-VSM

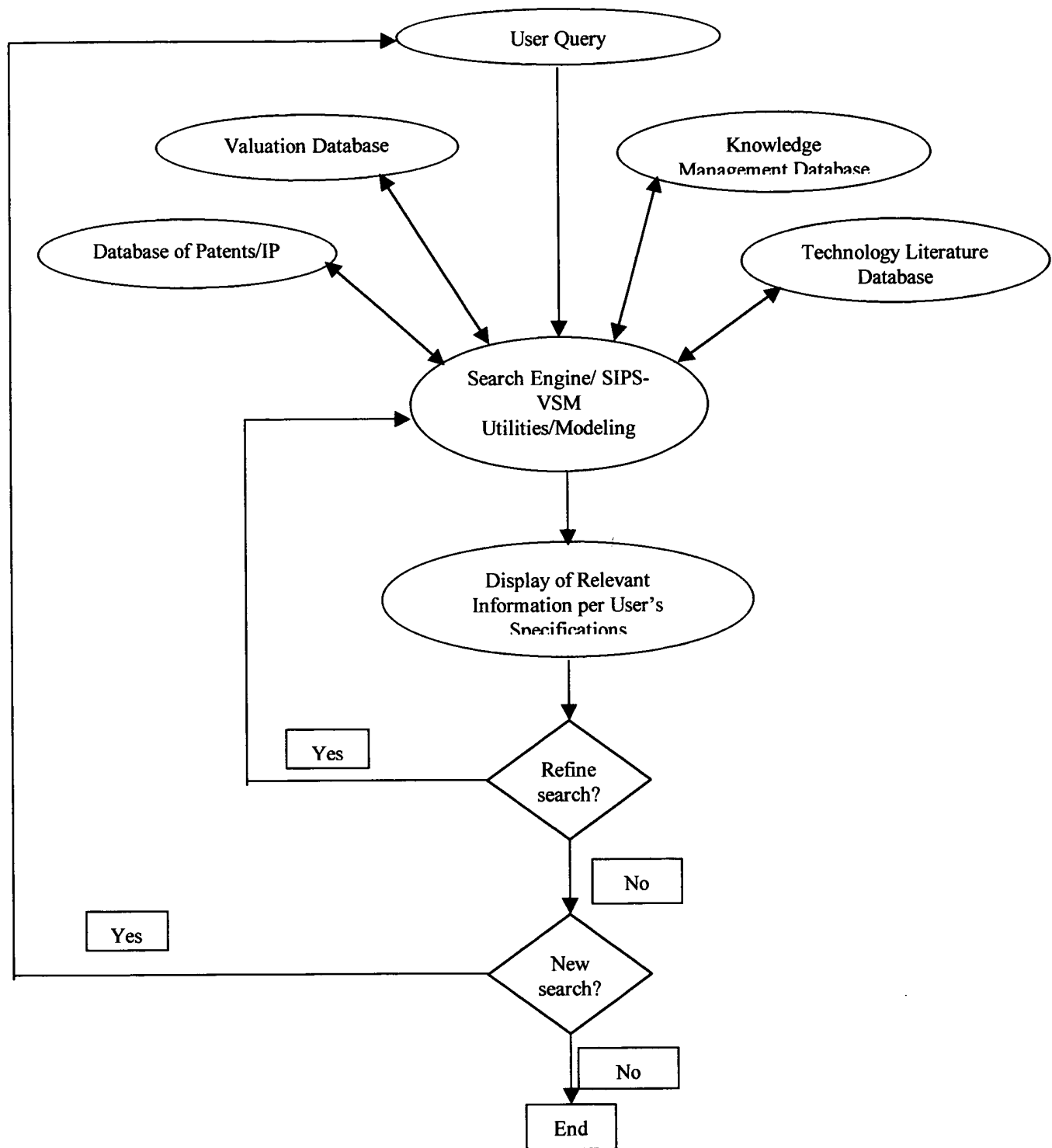


Figure 3. Database search using SIPS-VSM

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graph TD; Start([Start]) --> Step1[User enters plain-language query into user interface and defines which databases to access—including any combination of the patent/IP database, valuation database, technology literature database, and knowledge management database]; Step1 --> Step2[SIPS-VSM tool searches one or more databases defined by user including patent/IP database, valuation database, technology literature database, and knowledge management database; Results are grouped and filtered for relevance to query; IP is valued: Results are modeled for display]; Step2 --> Step3[User is presented with search results that are relevant to query. Results are reported in audio, visual, or AV format and are easily navigated and manipulated by user. User has the option to print or save any results files including the patent/valuation file, the technology literature file, and the solutions file.]; Step3 --> Step4[User refines search]; Step4 -- Yes --> Step3; Step4 -- No --> End([End]);
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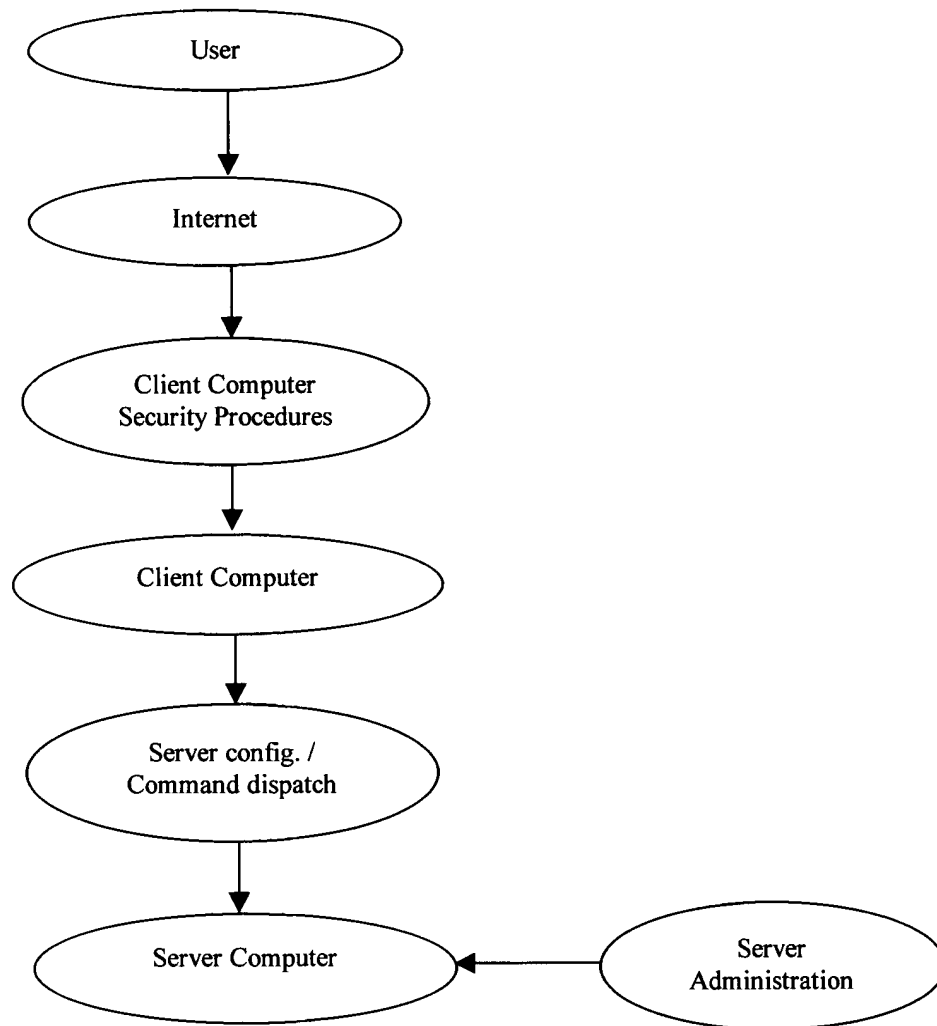


Figure 5. Computer -Based Hierarchy for SIPS-VSM